

**Christopher Saas, R.A.**

Mr. Sass is a licensed Architect in Michigan & Illinois. He graduated from the University of Illinois Chicago with a Bachelor degree in Architectural Technology in 1985. Immediately after graduation, Mr. Sass began working with Wiss, Janney, Elstner Associates, Inc. From 1985 to the present, he has performed hundreds of building investigations and evaluations, most pertaining to the building envelope. Mr. Sass is active in the Masonry Institute of Michigan & American Society of Testing & Materials.

**Ronald L. Peterson, P.h.D., CCM**

Dr. Petersen is the principal-in-charge of air quality projects at Cermak Peterka Petersen, Inc. Wind Engineers in Fort Collins, Colorado. He has over 30 years experience in atmospheric dispersion, wind-tunnel modeling, and other air quality-related issues which has been applied to over 300 projects related to fume exhaust & air intake design.

**Kim Fricke**

In 1988, Ms. Fricke founded Professional Concepts Insurance Agency (PCIA) in Ann Arbor, serving over 1000 professional firms. Ms. Fricke is a member of the ACEC Risk Management Committee and an AIA Honorary Affiliate Member.

**Doris Neumeyer, RN, BSN, CIC**

Ms. Neumeyer is a Nurse Epidemiologist with William Beaumont Hospital, Troy, MI. She is an active member of the Emergency Task Force and has been involved with planning mock drills, facility risk assessment, bioterrorism preparedness, safety, infection control & coordination with outside agencies.

**Walter S. Wheeler III**

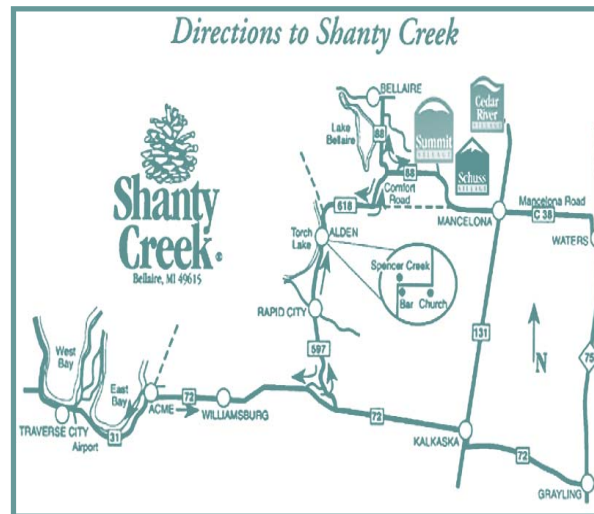
Mr. Wheeler is Director of the Bureau of Health Systems of Michigan Department of Community Health, responsible for the regulation of healthcare facilities, systems and services. He has served as Chief, Office of Legal & Legislative Affairs for the former MDPH. He was chief draftsman of the Public Health Code.

**Dave Guillaume**

Mr. Guillaume is a Building Construction Specialist in the Bureau of Construction Codes & Fire Safety, Michigan Department of Labor & Economic Growth (MDLEG) in Lansing, Michigan.

**Larry Horvath**

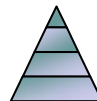
Mr. Horvath is the Section Manager of the Certificate of Need program at MDCH. He spent approximately four years in the Policy and Legal Affairs Administration at MDCH working with local health departments & communities prior to his current position. Mr. Horvath also has over 10 years of service with a local health department.



**Detroit** - Follow Interstate 75 North from Detroit to Grayling; M-72 West toward Kalkaska. In Kalkaska turn North on US 131. From Mancelona, take M-88 West to Shanty Creek.

**Lansing** - Proceed North on US 27 to Grayling, M-72 West to Kalkaska, Turn North on US 131 from Mancelona. In Mancelona, take M-88 West to Shanty Creek.

**Grand Rapids** - Take US 131 North from Grand Rapids to Mancelona. West on M-88 to Shanty Creek.



Michigan Department of  
Community Health,  
Bureau of Health Systems  
and Michigan  
Architectural Foundation  
with AIA Michigan  
*Invites you to Attend....*



Thursday, March 11, 2004  
&  
Friday, March 12, 2004

*To be held at:*  
**Shanty Creek/Schuss  
Mountain Resort  
Bellaire, Michigan**  
1-231-533-8621  
1-800-678-4111

Registration (Please Print) or online at [www.AIAMI.com](http://www.AIAMI.com)

Name \_\_\_\_\_

First name (preferred) \_\_\_\_\_

AIA member# \_\_\_\_\_

Affiliation: AIA FAIA PE (Other) \_\_\_\_\_

Firm \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone (\_\_\_\_\_) \_\_\_\_\_

Fax (\_\_\_\_\_) \_\_\_\_\_

E-mail \_\_\_\_\_

Please register \_\_\_\_\_ \*representatives for the Health Facilities Planning Seminar on March 11 and 12, 2004.

Enclosed is check # \_\_\_\_\_

in the amount of \$ \_\_\_\_\_

Make check payable to the Michigan Architectural Foundation and send to:

Michigan Architectural Foundation

553 East Jefferson Avenue

Detroit, MI 48226

313-965-4100 - 313-965-1501 (Fax)

Payment by Visa or MasterCard is also acceptable:

Visa Card/MasterCard # \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

The registration fee is \$275.00 for each person attending. Fee is \$325.00 if registration or payment is received after March 1, 2004.

\*The following additional representatives will attend the seminar (incl. AIA member numbers):

\_\_\_\_\_

\_\_\_\_\_

## SPEAKERS

### James D. Geiger, M.D.

Dr. Geiger earned his medical degree from Case Western Reserve University School of Medicine. He completed his General Surgery residency and a fellowship in Surgical Critical Care at the U of M Hospitals. He also completed a fellowship in Pediatric Surgery at Mott Children's Hospital in Ann Arbor, & now continues to serve there as an Associate Professor of Surgery. Dr. Geiger is board certified in Pediatric Surgery, General Surgery, & Surgical Critical Care. Dr. Geiger serves as co-director of the Minimally Invasive Surgery Program at the University of Michigan.

### Steve Bambauer

Mr. Bambauer is a Technology Consultant with the Stryker Corporation. His areas of expertise include OR Design (Room Layout, Efficiencies, Ergonomics, Boom & Light Placement), Electrical, Data, Infrastructure Design, and Intercampus Telemedicine Systems.

### Chad Winner

Mr. Winner has 19 years experience with G.E. Medical Systems as a Lead Installation Specialist for Western Michigan and Northern Indiana. He has a B.S.E.E. degree from DeVry Institute.

### Dan Rose

Mr. Rose has 18 years experience with G.E. Medical Systems as a Lead Installation Specialist for Eastern Michigan and Northwest Ohio. He has a B.S.E.E. degree from DeVry Institute.

### Michael Kastner

Mr. Kastner is the Director of Building Services & Construction Management for Lakeland Regional Health System, located in Berrien County Michigan. He is responsible for implementing the master plan for three hospital systems. Mike has been in the health care field for 43 years and has a wide range of experience in project management.

### Mark Krueger, P.E.

Mr. Krueger is the Detroit Branch Manager for Wiss, Janney, Elstner Associates. He is a licensed engineer in Michigan & New Jersey. Since joining WJE in 1986, Mr. Krueger has assisted & led numerous projects in structural assessment & repair of historic structures; evaluation & repair of precast concrete & masonry facades; inspection & repair of damaged structures; monitoring structural response to climate & construction activity; field testing of structures; & assessment of construction materials.

Afternoon Session

Thursday, March 11, 2004

*Chairperson .....Jeff McManus, P.E.*

- 1:15 Murphy's Law - We can Learn from What's Gone Wrong.....Michael Kastner
- What is it?
  - How to avoid it
  - Pitfalls
  - How does it relate to you?
  - The importance of paying fantastic attention to detail
  - The cost of breaking Murphy's Law
- 2:15 Solutions for Building Envelope Problems .....Mark Krueger, P.E.& Christopher Sass, R.A.
- Assessment Techniques
    - Inspection
    - Water Tests
    - Other Non Destructive Testing
  - Example Problems & Solutions
    - Roofs                      ◦ Windows
    - Masonry Walls        ◦ Skylights
    - Curtain Walls
- 3:15 **BREAK**
- 3:30 Modeling Air Flows Around Buildings.....Ronald Petersen, Ph.D.
- Intakes/exhausts
  - Air Quality
  - Air Movement
- 5:00 **Social Hour**

Friday, March 12, 2004

7:30 **Breakfast/Registration**

Morning Session

*Chairperson .....Alfred Miller*

- 8:30 Errors, & Omissions—Fair & Measurable Results  
.....Kim Fricke
- Insurable Standards
  - Define & Measure Properly
  - Categorizing Costs Accurately
  - Tracking & Reporting

9:30 **BREAK**

- 9:45 SARS (CDC) & Emerging Infectious Disease—Impact on Hospital Facilities..... Doris Neumeyer, R.N.
- Lessons learned from Toronto
  - Ventilation & patient placement issues
  - Facility Infrastructure Implications for Patient Care & Management Implications

11:45 **LUNCH (Box)**

Afternoon Session

*Chairperson ..... Pier-George Zanoni*

- 12:00 Agency Updates..... Walter S. Wheeler III
- Bureau of Health Systems Update
- 12:30 BCCFS ..... David Guillaume
- Office of Fire Safety Update
- 1:00 CON .....Larry Horvath
- Certificate of Need Update
- 1:30 **Adjourn**

**37th Annual Seminar**

Health Care Professionals including:

- Chief Executive Officers
- Chief Operating Officers
- Administrators
- Department Heads
- Facility Managers
- Hospital Engineers
- Planners
- Project Managers
- Risk Managers & Compliance Officers

Design & Construction Professionals including:

- Architects
- Consulting Engineers
- Construction Managers
- Interior Designers

Who Should Attend

**Seminar Committee**

James Scott, P.E.	Rae Dumke, HON, AIA
Robert Sharrow, AIA	Ronald Drake, P.E.
Julia Herschelmann, AIA	Douglas Hanna, AIA
Rick Hall, AIA	Richard Prister, P.E.
Samuel Popkin, FAIA	Thomas Freebury
Robert Salkeld	Marco Capicchioni, P.E.

*Purpose: The Health Facilities Planning Seminar is held each year to provide Architects, Engineers, Health Care Executives, and other interested professionals with the latest available information which will assist them in planning, designing, constructing, and maintaining health facilities.*

*Who Should Attend - The seminar is ideal for all who are concerned with the implications of evolving healthcare technology upon facilities they plan, design, construct, administer or maintain.*

*General Information - Continuing Education—12 hours for AIA/CES (Continuing Education System) for AIA members, including 4 hours related to Health/Safety/Welfare. Include AIA membership numbers with registration.*

*Applications should be made at the earliest possible date, as the enrollment will be limited. The registration fee is \$275.00 for each person either for full or part-time. FEE IS \$325.00 IF PAYMENT IS RECEIVED AFTER FEBRUARY 20, 2004. No registration fee refunds after that date.*

*All arrangements for lodging should be made by the individuals attending. Room rates include breakfast and lunch for both days plus one dinner, either night.*

*Phone 1-800-678-4111 for reservations at Shanty Creek/Schuss Mountain Resort.*

#### Chairpersons

James D. Scott, P.E., MDCH, Bureau of Health Systems  
Jeffrey L. McManus, P.E., MDCH, Bureau of Health Systems  
Alfred Miller, Engineer, MDCH, Bureau of Health Systems  
Riyadh Almuktar, Engineer, MDCH, Bureau of Health Systems

**Thursday, March 11, 2004**

#### Morning Session

#### **7:30 Breakfast/Registration**

*Chairperson..... James D. Scott, P.E.*

#### **8:45 Operative Theaters in the New Millennium** .....James D. Geiger, M.D.

- History of the OR & development of minimally invasive surgery
- Future technology in surgery & the need for digital integration
- Impact of the changing surgical technology on OR design

#### **9:45 The Future of Surgical Suites** .....Steve Bambauer

- Introduction of Revolutionary Technology (Minimally Invasive Surgery/Digital Applications)
- Current Challenges
- Efficiency/Ergonomics/Integration
- OR Design
- Emerging Trends
- Value Proposition of Technology

#### **10:45 BREAK**

#### **11:00 New Technology Trends in Imaging** .....Chad Winner & Dan Rose

- Advances in Digital Technology
- Dual Modalities
- Trends in Imaging & Surgery
- Real-Time Imaging
- Technical Requirements

#### **12:00 LUNCH**